

2-19-02

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Docket No. D0031NP  
(3053-4114US2)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

1/10x ser

Applicant(s): C. Gordon TODDERUD, Joshua N. FINGER and Jill RILLEMA  
Serial No.: To Be Assigned Group Art Unit: To be assigned  
Filed: February 15, 2002 Examiner: To be assigned  
For: IDENTIFICATION AND CLONING OF A NOVEL HUMAN GENE, RET16,  
INVOLVED IN THE INTRACELLULAR SIGNALING CASCADE

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**EXPRESS MAIL CERTIFICATE**

Express Mail Label No.: EV 062 742 612 US  
Date of Deposit: February 15, 2002

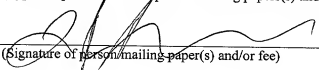
I hereby certify that the following attached paper(s) and/or fee

1. Utility patent application (37 C.F.R. §1.53(b)) containing 111 total pages, including 98 pages of Specification, 12 pages of Claims, and 1 page of Abstract;
2. 31 Sheets of Drawings (FIGS. 1-21);
3. Application Fee Transmittal (4 pages);
4. Application Fee (check for \$ 908.00);
5. Sequence Listing (28 pages);
6. Computer readable copy of Sequence Listing (3.5 inch diskette);
7. Statement under 37 C.F.R. §1.821(f) of identity between computer and paper copies of Sequence Listing (1 page); and
8. Return Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to:  
**BOX: PATENT APPLICATION**, Commissioner for Patents, Washington, DC 20231.

Jesus R. Remedios

(Typed or printed name of person mailing papers(s) and/or fee)

  
(Signature of person mailing paper(s) and/or fee)

**Sender's Address:**

MORGAN & FINNEGAN, L.L.P.  
345 Park Avenue  
New York, NY 10154-0053  
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Docket No. D0031NP

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PATENT TRADEMARK OFFICE

↑AFFIX CUSTOMER NO. LABEL ABOVE ↑

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**UTILITY APPLICATION AND FEE TRANSMITTAL \$(1.53(b))**

Commissioner for Patents  
Washington, DC 20231

Sir:

Transmitted herewith for filing is the divisional patent application of

Inventor(s) names and addresses:

- (1) C. Gordon TODDERUD  
56 Autumn Drive  
Newtown, PA 18940  
USA;
- (2) Joshua N. FINGER  
222 Woodland Parkway, Apt. 254  
San Marcos, CA 92069  
USA; and
- (3) Jill RILLEMA  
18C Evert Court  
Princeton, NJ 08540  
USA

For: ***IDENTIFICATION AND CLONING OF A NOVEL HUMAN GENE, RET16,  
INVOLVED IN THE INTRACELLULAR SIGNALING CASCADE***

Enclosed Are:

111 total pages of Application, including

98 pages of Specification

12 pages of Claims

1 page of Abstract

31 sheets of ☒ Formal drawings (FIGS. 1-21)

       page(s) of Declaration and Power of Attorney

☐ Informal drawings

☐ Unsigned

☐ Newly Executed

☐ Copy from prior application

☐ Deletion of inventors including Signed Statement under 37 C.F.R. §1.63(d)(2)

☐ **REQUEST AND CERTIFICATION UNDER 35 U.S.C. §122(b)(2)(B)(i) (form PTO/SB/35)**

As indicated on the attached Request and Certification, Applicant(s) certify that the invention disclosed in the attached application HAS NOT and WILL NOT be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. Applicant(s) therefore request(s) that the attached application NOT be published under 35 U.S.C. §122(b).

☐ Incorporation by Reference:

☐ The entire disclosure of the prior application, from which a copy of the combined Declaration and Power of Attorney is supplied herein, is considered as being part of the disclosure of the accompanying application and is incorporated herein by reference.

☐ Deletion of Inventors (37 C.F.R. §1.63(d) and §1.33(b))

Signed statement attached deleting inventor(s) named in the prior application serial no. \_\_\_\_\_, filed \_\_\_\_\_.

☐ Microfiche Computer Program (Appendix)

☒ 28 Page(s) of Sequence Listing

☒ Computer readable 3.5 inch disk containing Sequence Listing

☒ Statement under 37 C.F.R. §1.821(f) that computer and paper copies of the Sequence Listing are the same

☐ Assignment Papers (assignment cover sheet and assignment documents)

☐ A check in the amount of \$40.00 for recording the Assignment

☐ Charge the Assignment Recordation Fee to Deposit Account No. 13-4500, Order No. \_\_\_\_\_.

☐ Assignment Papers filed in the parent application Serial No. \_\_\_\_\_.

☐ Certification of chain of title pursuant to 37 C.F.R. §3.73(b)

☐ Priority is claimed under 35 U.S.C. §119 for:  
Application No(s). \_\_\_\_\_, filed \_\_\_\_\_, in \_\_\_\_\_ (country).

☐ Certified Copy of Priority Document(s) [\_\_\_\_\_]

☐ filed herewith

☐ filed in application Serial No. \_\_\_\_\_, filed \_\_\_\_\_.

☐ English translation document(s) [\_\_\_\_\_]

☐ filed herewith

☐ filed in application Serial No. \_\_\_\_\_, filed \_\_\_\_\_.

☒ Priority is claimed under 35 U.S.C. §119(e) for:  
Provisional Application No. 60/294,181, filed May, 29, 2001 and Provisional  
Application No. 60/269,366, filed February 16, 2001.

- ☐ Information Disclosure Statement
- ☐ Copy of [ ] cited references
- ☐ PTO Form-1449
- ☐ References cited in parent application Serial No. \_\_\_\_\_, filed \_\_\_\_\_.
- ☐ Related Case Statement under 37 C.F.R. §1.98(a)(2)(iii)
- ☐ A copy of related pending U.S. Application(s) Serial No(s): \_\_\_\_\_, filed \_\_\_\_\_, respectively, is attached hereto.
- ☐ A copy of related pending U.S. Application(s) entitled, \_\_\_\_\_, filed \_\_\_\_\_ to inventor(s) \_\_\_\_\_, respectively, is attached hereto.
- ☐ A copy of each related application(s) was submitted in parent application serial no. \_\_\_\_\_, filed \_\_\_\_\_.
- ☐ Preliminary Amendment
- ☒ Return receipt postcard (MPEP 503)
- ☐ This is a ☐ continuation ☐ divisional ☐ continuation-in-part of prior application serial no. \_\_\_\_\_, filed \_\_\_\_\_, to which priority under 35 U.S.C. §120 is claimed.
- ☐ Cancel in this application original claims \_\_\_\_\_ of the parent application before calculating the filing fee. (At least one original independent claim must be retained for filing purposes.)
- ☐ A Preliminary Amendment is enclosed. (Claims added by this Amendment have been properly numbered consecutively beginning with the number following the highest numbered original claim in the prior application).
- ☐ The status of the parent application is as follows:
- ☐ A Petition for Extension of Time and a Fee therefor has been or is being filed in the parent application to extend the term for action in the parent application until \_\_\_\_\_.
- ☐ A copy of the Petition for Extension of Time in the co-pending parent application is attached.
- ☐ No Petition for Extension of Time and Fee therefor are necessary in the co-pending parent application.
- ☐ Please abandon the parent application at a time while the parent application is pending or at a time when the petition for extension of time in that application is granted and while this application is pending has been granted a filing date, so as to make this application co-pending.
- ☐ Transfer the drawing(s) from the parent application to this application
- ☐ Amend the specification by inserting before the first line the sentence: This is ☐ continuation ☐ divisional ☐ continuation-in-part of co-pending application Serial No. \_\_\_\_\_, filed \_\_\_\_\_.

I. CALCULATION OF APPLICATION FEE				
	Number Filed	Number Extra	Rate	Basic Fee \$740.00/370.00
Total Claims	20- 20 =	0x	\$18.00/ \$9.00	\$ 0.00
Independent Claims	5- 3 =	2x	\$84.00/ \$42.00	\$168.00
<input type="checkbox"/> Multiple Dependent Claims		If marked, add fee of \$280.00 (\$140.00)		\$ 0.00
TOTAL:				\$908.00

- ☐ Small entity status is or has been claimed. Reduced fees under 37 C.F.R. §1.9 (f) paid herewith \$\_\_\_\_\_.
- ☒ A check in the amount of \$908.00 in payment of the application filing fees is attached.
- ☐ Charge fee to Deposit Account No. 13-4500, Order No. \_\_\_\_\_. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required for filing this application pursuant to 37 CFR §1.16, **including all extension of time fees pursuant to 37 C.F.R. § 1.17 for maintaining copendency** with the parent application, or credit any overpayment to Deposit Account No. 13-4500, Order No. 3053-4114US2. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

Respectfully submitted,  
MORGAN & FINNEGAN, L.L.P.

By: Leslie Serunian  
Leslie Serunian  
Registration No. 35,353

Dated: February 15, 2002

Correspondence Address:

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s) : C. Gordon TODDERUD, J.N. FINGER and J. RILLEMA  
Serial No. : To Be Assigned Group Art Unit: TBA  
Filed : (Herewith; February 15, 2002) Examiner: TBA  
For : **IDENTIFICATION AND CLONING OF A NOVEL HUMAN GENE,  
RET16, INVOLVED IN THE INTRACELLULAR SIGNALING  
CASCADE**

Commissioner for Patents  
Washington, D.C. 20231

**STATEMENT UNDER 37 C.F.R. §1.821(f) OR §1.825(b)**

Dear Sir:

I hereby certify that:

- [X] The paper Sequence Listing and computer readable form of the Sequence Listing submitted herewith are identical (37 C.F.R. §1.821(f)).
- [ ] The substitute paper Sequence Listing and substitute computer readable form of the Sequence Listing submitted herewith are identical. No new matter is included. (37 C.F.R. §1.825(b)).

Respectfully submitted,  
MORGAN & FINNEGAN, L.L.P.

Date: February 15, 2002

By: Leslie Serunian  
Leslie Serunian  
Reg. No. 35,353

**Correspondence Address:**  
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